Request for Proposals



The City of Kenai Fire Department

RFP-01

Joint Purchase of Self-Contained Breathing Apparatuses (SCBA) Equipment for the City of Kenai, Nikiski Fire, & Central Emergency Services

Release: November 15, 2019

Final Questions Due by: November 26, 2019 by 2:00pm

Proposal Due Date: December 4, 2019, no later than 4:00pm

Kenai City Hall 210 Fidalgo Avenue Kenai, AK 99611 ATTN: Director of Public Works

Table of Contents

Part 1	Proposal Documents
	Request for Proposals
	Instructions to Proposer
	Cost Proposal Form
Part 2	Contract Requirements
	Sample Agreement
	General Conditions
	Tax Compliance Form
Part 3	Reference Materials
	Form - Evaluation - 01 Inspection
	Form – Evaluation – 02 Simulated Fire Attack
	Form - Evaluation - 03 Exterior Ladder Operation and VES
	Form - Evaluation - 04 Vertical Ventilation
	Form - Evaluation - 05 Mayday
	Form – Evaluation – 06 Overall
	Form – Evaluation – 07 Bench Testing
	Form – Evaluation – 08 Warranty
	Form – Planning Sheet – 01 Inspection
	Form – Planning Sheet – 02 Simulated Fire Attack
	Form - Planning Sheet - 03 Exterior Ladder Operation and VES
	Form - Planning Sheet - 04 Vertical Ventilation
	Form – Planning Sheet – 05 Mayday
	Form – Planning Sheet – 07 Bench Testing
	Form – SCBA Field Evaluation



CITY OF KENAI 210 FIDALGO AVENUE KENAI, ALASKA 99611-7794 (907) 283-8236

REQUEST FOR PROPOSALS

Project Name: Joint Purchase of Self-Contained Breathing Apparatuses (SCBA) Equipment for the City of Kenai, Nikiski Fire, & Central Emergency Services Final Questions Due by: 2:00pm November 26, 2019 Proposal Due Date: No later than 4:00pm December 4, 2019

Scope of Work: The City of Kenai Fire Department has received a grant for the replacement of 171 Self-Contained Breathing Apparatuses (SCBA) for the Kenai, Nikiski, and Central Emergency Services Fire Departments. Proposer's offerings shall undergo extensive field testing by representatives from each department at the City of Kenai Fire Department facility located at 105 S. Willow St. See the full RFP for a complete list of all requirements.

Proposers should contact the Public Works Department at (907) 283-8236 to be placed on the plan holders list. Questions may be submitted to <u>publicworks@kenai.city</u>.

Request for Proposal documents can be obtained on the City of Kenai's website at <u>www.kenai.city</u> or at City Hall.

Publish: <u>Anchorage Daily News</u>- November 18, 2019

CITY OF KENAI COST PROPOSAL RFP19-01

JOINT PURCHASE OF SELF-CONTAINED BREATHING APPARATUSES (SCBA) EQUIPMENT FOR THE KENAI FIRE DEPARTMENT, NIKISKI FIRE DEPARTMENT, & CENTRAL EMERGENCY SERVICES

ACKNOWLEDGEMENT

In submitting this proposal, we certify that we have examined the specifications documents, have received

Addenda Nos.

, and have included their provisions in our proposal.

Item	Description	Qty/Unit	Unit Price	Total
1	Self-Contained Breathing Apparatus (SCBA) In accordance with the attached specifications	171	\$	\$
	Brand / Model Offered:			
2	Trade-in Credit	1	-	(\$)
	Total Bid Items 1 & 2			\$
3	Additive Alternate 1: Inclusion of Blue Tooth Communications within SCBA	1	each	\$

SIGNATURE RE	SIGNATURE REQUIREMENT					
Firm Name						
Address						
<u>City</u>	State	Zip				
Telephone	Fax					
Representative	Title					
Email Address The undersigned has read the foregoing and here affixing his/her signature below:	by agrees to the conditic	ons stated therein by				
Signature of Authorized Company Representat	ive	Date				

REQUEST FOR PROPOSAL

1.0 GENERAL INFORMATION

1.1 Purpose

The City of Kenai is soliciting proposals from qualified Offerors to provide Self-Contained Breathing Apparatus (SCBA) as specified herein.

All Offerors submitting proposals are responsible for examining the entire RFP and any supplemental documents. Failure to do so shall be at the Offeror's risk.

1.2 Background

The City of Kenai Fire Department was awarded a regional Assistance to Firefighters Grant for the purchase of replacing 171 non-compliant SCBAs for three area fire departments.

Participating departments include:

- City of Kenai Fire Department
- Nikiski Fire Department
- Central Emergency Services (CES)

In addition, the departments desire to individually purchase additional SCBA, parts, and accessories under the terms of the purchase agreement resulting from this solicitation and to maximize the trade-in value and utility of their existing SCBA.

1.3 Questions

Any questions regarding this proposal are to be submitted **<u>in writing</u>** to the Director of Public Works by no later than 2:00 PM local time on November 26th, 2019. Questions shall be emailed to <u>publicworks@kenai.city</u> and copied to <u>jtucker@kenai.city</u>. The subject line of the email should read: "Questions: RFP #19-01 Joint Purchase of Self-Contained Breathing Apparatuses (SCBA) Equipment."

Verbal requests for information will not be accepted. Questions or requests for clarification directed to any employee or elected official of the City of Kenai other than the Public Works Director may be grounds for disqualification from the process. All questions will be compiled, answered and distributed to all prospective proposers.

1.4 Preparation Costs

The City of Kenai shall not be responsible for proposal preparation cost, nor for cost including attorney fees associated with any (administrative, judicial or otherwise) challenge to the determination of the highest ranked proposer and/or award of contract and/or rejection of proposal. By submitting a proposal, each proposer agrees to be bound in this respect and waives all claims to such costs and fees.

1.5 Additional Services

Additional Services may consist of providing any other services not included in the Consultant's basic services and may be authorized by a change order signed by both parties and compensated at the rate listed in the Consultant's Fee Schedule for Additional Services. The fee schedule may be included with the cost proposal portion of the submitted proposal.

1.6 Timeline

Advertise for Proposal	November 15th, 2019
Final Questions Due	November 26th, 2019
Proposals Due at City of Kenai, City Hall, no later than 4:00 PM	
210 Fidalgo Avenue, Kenai, AK 99611	December 4, 2019
SCBA Evaluations	December 9 th – 14 th , 2019
Proposal Evaluation	December 16 th -20th, 2019
Intent to Award (estimated)	January 3rd, 2019
Notice of Award (estimated)	January 16th, 2019
Equipment Ordered (estimated)	January 23rd, 2019
Equipment Delivered (estimated)	February 27th, 2020
Final Closeout	March 27th, 2020

2.0 RULES GOVERNING COMPETITION

2.1 Examination of Proposals

Proposers should carefully examine the entire Request for Proposal (RFP) and any addenda thereto, and all related materials and data referenced in the RFP. Proposers should become fully aware of the nature of the work and the conditions likely to be encountered in performing the work.

2.2 Proposal Acceptance Period

Award of this proposal is anticipated to be announced on January 3, 2020 although all offers must be complete and irrevocable for 45 days following the submission date. All costs indicated in the cost proposal shall be irrevocable until Final Completion of Project, anticipated for March 30th, 2020.

2.3 Confidentiality

The content of all proposals will be kept confidential until the selection of the Contractor is announced. At that time, the selected proposal is open for review by the competing proposers, excluding any tabulations and evaluations thereof. After the award of the Contract, all proposals, tabulations and evaluations will then become public information.

2.4 Proposal Format

Proposals are to be prepared in such a way as to provide a straight forward, concise delineation of the proposers' capabilities to satisfy the requirements of this RFP. Emphasis should be concentrated on:

- (1) conformance to the RFP instructions;
- (2) responsiveness to the RFP requirements;
- (3) completeness and clarity of content.

2.5 Signature Requirements

<u>All proposals **must** be signed</u>. A proposal may be signed by: an officer or other agent of a corporate vendor, if authorized to sign contracts on its behalf; a member of a partnership; an owner of a privately-owned vendor; or other agent if properly authorized by a power of attorney or equivalent document. The name and title of the individual(s) signing the proposal must be clearly shown immediately below the signature.

2.6 Proposal Submission

Five (5) copies of the complete technical proposal package are to be submitted no later than 4:00 p.m. local time on December 4, 2019, to the Director of Public Works / Capital Projects located at Kenai City Hall, 210 Fidalgo Avenue, Kenai, Alaska 99611, with <u>one (1)</u> copy of the Cost Proposal in a separate sealed envelope. Proposals shall be completely sealed in an envelope, or package, clearly marked with the company name. The City of Kenai reserves the right to establish any and all elements or terms of this proposal. All proposals submitted shall be binding upon the contractor if accepted by the City of Kenai.

Please note that overnight delivery from the lower 48 states is generally not available. Proposers should anticipate a minimum of two (2) to three (3) days delivery time for express, priority or expedited delivery services.

2.7 Tax Compliance

Kenai Municipal Code requires that businesses or individuals contracting to do business with the City of Kenai be in compliance with Kenai Peninsula Borough tax provisions. No contract will be awarded to any individual or business found to be in violation of the Kenai Municipal Code of Ordinances in several areas of taxation.

2.8 Licenses and Certifications

Proposers shall include with their proposals copies of all licenses, certificates, registrations and other credentials required for performance under the contract. Documentation must be current and must have been issued by or under authority of the State of Alaska or, if documentation is from an outside jurisdiction, such documentation must be accepted as valid by the State of Alaska for performance in Alaska. Such documentation shall include, but is not limited to, Alaska business license and applicable professional licenses, registrations and certificates.

2.9 News Releases

News releases pertaining to the award resulting from the RFP shall not be made without prior written approval of the City of Kenai Director of Public Works / Capital Projects.

2.10 Disposition of Proposals

All materials submitted in response to this RFP will become the property of the City of Kenai. One copy shall be retained for the official files of the Public Works Department and will become public record after award of the Contract.

2.11 Oral Change/Interpretation

No oral change or interpretation of any provision contained in this RFP is valid whether issued at a pre-proposal conference or otherwise. Written addenda will be issued when changes, clarifications, or amendments to proposal documents are deemed necessary by the City.

Proposer shall acknowledge receipt of each addendum in the space provided on the Cost Proposal Form. Only a proposal acknowledging receipt of all addenda may be considered responsive, unless the addendum, in the opinion of the City Manager or the agency head, would have no material effect on the terms of the proposal.

2.12 Modifications of Proposals

Modifications will be accepted by the City, and binding upon the responding firm, where the modification:

- Is received by the City at the place designated for submission of RFP responses prior to the deadline.
- Is sealed in an envelope clearly stating "RFP#19-03 Joint Purchase of Self-Contained Breathing Apparatuses (SCBA) Equipment" and the name of the responding firm.
- Is signed by the same individual who signed the original submittal.

Should there be more than one submittal modification from a responding firm, the last modification received prior to the deadline shall be opened and applied to the submittal. All earlier modifications shall be returned to the responding firm unopened.

Any modification, which fails to meet any requirement of this section, shall be rejected and the submittal shall be considered as if no modification had been attempted.

2.13 Late Submissions

PROPOSALS NOT RECEIVED PRIOR TO THE DATE AND TIME SPECIFIED IN THE THIS RFP WILL NOT BE CONSIDERED.

2.14 Withdrawal Of Proposals

At any time prior to scheduled closing time for receipt of RFP submittals, any responding firm may withdraw their submittal, either personally or by written request. However, a proposal may not be withdrawn after opening without the written consent of the City.

2.15 Acceptance – Rejection of Proposals

The City may reject any or all proposals if the City Manager determines that it is in the best interest of the City and may waive irregularities, other than the requirements for timeliness and manual signature, if the irregularities do not affect the competitive advantage of any proposer.

If any proposer has interest in more than one proposal, all proposals in which such proposer has interest shall be rejected.

2.16 Choice of Law and Jurisdiction

The laws of the State of Alaska shall govern this RFP, and any legal action brought thereon shall be filed in the Third Judicial District at Kenai, Alaska.

2.17 Conflicts of Interests

No member of the governing body of the City of Kenai or other officer, employee or agent of the City who exercises any functions or responsibilities in connection with the carrying out of the project shall have any personal interests, direct or indirect, in any ensuing contract as a result of this Request for Proposal, **without first disclosing his/her potential conflict, by submitting a letter to the City Clerk's Office establishing their "intent to do business with the City"**. The contractor for itself and its principal employees, officers, agents, directors or shareholders covenants that neither the contractor nor any of the listed classes of individuals has nor shall acquire any interest, direct or indirect, in the project, direct or indirect, to which the contract pertains which would conflict in any manner or degree with the performance of its work hereunder. The selected bidder further covenants that in its performance of the contract no person having such interest shall be employed, **without first disclosing his/her potential conflict.**

2.18 Grant Funding

Projects may be funded in part or in whole by a grant or grants. The Contractor and their subcontractors will be required to comply with the requirements of these grants, including insurance and purchasing requirements, if any. Consultant shall incorporate, or cause to

incorporate, in all contracts, subcontracts and bid documents, provisions to meet grant requirements. Grants will be made available at Contractor request.

3.0 <u>SCOPE OF WORK</u>

3.1 Project Description

This project is to replace 171 non-compliant SCBAs owned by the City of Kenai Fire Department, the Nikiski Fire Department and Central Emergency Services. The Offerors bid must meet the following.

- 1. SCBA must be compliant with NFPA 1981 and 1982, 2018 edition, Standard on Open Circuit Self-Contained Breathing Apparatus.
- 2. SCBA shall be compliant to the NFPA 1982, 2018 edition, Standard on Personal Alert Safety System.
- 3. Proprietary inventory tracking system included with SCBA's.
- 4. Software for testing and maintenance of SCBA system.
- 5. Manufacturer must have a satisfactory history of use in the State of Alaska with a municipal fire department for a period of greater than 5 years.
- 6. Manufacturer must be able to provide local service and support within seven days after notification.

3.2 Warranty

Offeror warrants that the item(s), when delivered, will be new, of the Manufacturer's most current model, in good working order, and will conform to the Manufacturer's official published specifications and to the specifications of this solicitation. The City of Kenai requires that the successful Offeror honor any guarantees and warranties offered by the Manufacturer and be able to transfer first holder rights to City of Kenai. Minimum acceptable warranty coverage is the manufacturer's standard warranty, effective from date of delivery, against failure due to defects in material or workmanship for 15 years or life of ownership. Manufacturing defects or faulty workmanship discovered during the period of coverage will require the affected item to be repaired or replaced at NO additional cost to the City of Kenai.

3.3 Parts and Service

The successful Offeror will provide an initial supply of sufficient parts, materials, software, and any specialized tools to the participating departments to enable them to promptly repair and place in service any SCBA in need of repair.

The successful Offeror shall, for the first three (3) years after delivery, provide the following.

- Onsite annual flow testing as required by NFPA.
- Onsite service and repairs within 7 days after notification.

3.4 Equipment Deliverable Conditions

Prices offered must be F.O.B. Destination and include all costs associated with packing, shipping and delivery to the following F.O.B. Point:

City of Kenai Fire Department 105 S. Willow Street Kenai, Alaska 99611

3.7 Delivery

Desired delivery date is thirty (30) days after receipt of an order (ARO). Required delivery date is sixty (60) days ARO. Please be realistic when proposing delivery times. Offers which fail to indicate a delivery date or offers to deliver later than the required delivery date may be considered non-responsive.

3.8 Trade-ins

The participating departments would like to explore the possibility of trading in some or all of their existing equipment to offset the purchase of new equipment, if possible. To that end, Offerors should indicate on the Rate Response Form how much, if any, credit for trade-in may be deducted from the total purchase price offered for new equipment. This credit would be an estimate for evaluation purposes and may be contingent upon inspection of the trade-in equipment and adjustment of the proposed credit, if necessary.

The following is a list of the inventory the participating departments have for trade-in:

<u>1997 edition Scott AP50 SCBA's</u> 21 fair condition

<u>2002 edition Scott AP50 SCBA's</u> 79 fair condition

30, 45, and 60 minute cylinders
77 Serviceable till 2020
12 Serviceable till 2021
6 Serviceable till 2022
3 Serviceable till 2023
7 Serviceable till 2025

Scott AV3000HT masks 98 in good condition 4 in poor condition

Scott AV3000 masks 24 in fair condition

<u>Scott RIT Packs</u> 2 RIT Packs

4.0 PROPOSAL AND SUBMISSION REQUIREMENTS

To achieve a uniform review process and obtain the maximum degree of comparability, it is required that the proposals be organized in the manner specified below.

- 4.1 Letter of Transmittal / Quality of Proposal
 - □ Briefly state your firm's understanding of the services to be performed and make a positive commitment to provide the services as specified.
 - □ List name(s) of the person(s) who are authorized to make representations for your firm, their titles, address, and telephone numbers.
 - □ The <u>letter must be signed by a corporate officer or other individual who has</u> the authority to bind the firm.
 - □ Proposal is organized, answers all questions and provides all requested information.
- 4.1 SCBA Specifications
 - 1. SCBA must have the following features.
 - Maximum 5500-PSI air pressure.
 - 2-45-minute carbon-wrapped cylinders for each SCBA.
 - RFID on cylinders and packs for tracking and maintenance.
 - Quick connect system between cylinder and pack.
 - Integrated Personal Alert Safety System (PASS)
 - EBSS and/or Trans-fill/quick-fill
 - All electronic components shall be approved for Intrinsic Safety.
 - Most current full-face piece assembly available in Small, Medium, and Large sizes.
 - Voice amplification/mechanical emitter.
 - Second stage regulator that connects to SCBA mask.
 - Second stage regulator with inline quick connect coupling with HUD connection.
 - Purge valve located on the inlet side of regulator.
 - Heads-up display to allow monitoring of current air supply.
 - Primary and Secondary end-of-service time indicators to allow firefighter to know when air is expiring.
 - Back Frame/Harness with padded shoulder and lumbar pads.
 - Integrated Drag Rescue Loop built into Harness.
 - Seat belt style connection on waist belt.
 - Shoulder and waist straps capable of being adjusted.
 - Removable Harness material for decontamination of hazardous materials.

- Shoulder mounted control module with any configuration of analog/LCD display.
 - Automatic activation upon pressurizing system.

4.3 Field Evaluation

The Field Evaluation will be held the week of December 9th-14th, 2019, at the City of Kenai Fire Department, and the training grounds of CES on Arc Loop Rd, in Kenai and Soldotna Alaska. All Offerors will arrange to have 6 complete 5500 PSI SCBA's with integrated PASS devices, at least EBSS with hose assembly, and/or trans-fill, and one complete RIT kit. Manufacturer may also bring available accessories for review. Each department will provide 4 evaluators for field evaluation (in addition to SCBA technicians and facilitators). Delivery of SCBAs for testing to the City of Kenai Fire Department at 105 S. Willow Street Kenai, Alaska 99611 must occur **no later than** December 6th, 2019.

Testing order will be randomly determined by the City of Kenai and participants will be notified no later than December 6th, 2019. Each Offeror will have a two day period for the evaluation of their SCBAs.

Day 1 -

Orientation, inspection and bench testing will be held on the first day of the Offerors scheduled evaluation period. All evaluators and technicians will attend the morning session; evaluators will be released and technicians will remain for the afternoon session. Orientation and Inspection – Morning

• Evaluation begins with an orientation, training, and inspection session. All evaluators will participate in this session. Each manufacturer's representative will provide the training. In conjunction with the training session, all evaluators will complete an inspection and evaluation of each model on factors such as overall design, materials, ease of cleaning/decontamination, and ease of maintenance.

Bench Testing - Afternoon

Evaluation will continue in the afternoon with bench testing of the equipment. SCBA technicians will participate in this session. Each manufacturer's representative will provide the training. In conjunction with the training session, evaluators will be rating each model on factors such as Breathing rate/flow and performance, and ease of maintenance and decontamination.

Special Note: While not part of the funding from the AFG grant the participating departments would like to evaluate Bluetooth radio communications options. Offerors should bring Bluetooth radio communication technology for demonstration along with vendor provided Motorola APX 6000 radios for pairing. This presentation will occur during the presentation on the SCBAs in the morning. There will be no field evaluations of the Bluetooth technologies. Offerors should provide a price list for Bluetooth equipment, software upgrades, parts, and labor for future consideration.

Day 2 -

Field Exercises will be held on the second day of the Offerors scheduled evaluation period, at CES Arc Loop Training site. All evaluators and technicians will attend. Three exercises (evolutions) will occur simultaneously at four different stations on the training grounds. Each evolution will involve one team of two firefighters from the same fire department. At the conclusion of each evolution, the prop(s) and equipment will be reset and each firefighter will complete an evaluation form prior to rotating to the next station. At the conclusion of all evolutions, each firefighter will complete an Overall Impression evaluation form. Manufactures will not be present on the training grounds for the field exercises.

The following stations will be utilized for the field evaluation exercises.

Simulated fire attack

This evolution begins with two firefighters donning the SCBA while sitting on board 0 a fire apparatus. The building will be charged with artificial smoke. When ready, and on signal from a facilitator, the team will disembark the apparatus. While Firefighter 1 stretches a 1-³/₄ inch hand line to the burn building and orders the line to be charged, Firefighter 2 will perform an abbreviated 360 size-up of the building and then upon arriving at the entry point Firefighter 1 and 2 will, using an irons set, force open the door. Both firefighters will don masks, perform a buddy check, communicate via radio to Command, and make entry into the burn building. The team will advance the hose line to the designated room on the second floor, at which time Firefighter 1 will provide, a supplied, CAN (conditions, actions, needs) report to command. Command will instruct both firefighters to leave the building where a cylinder exchange will occur. All communications with Command will be acknowledged and read-back via radio. Upon completion of the evolution, the evaluators will report their impressions of evaluation criteria such as donning & doffing, masking, communication, comfort, ease of movement, and ease of cylinder change.

Exterior Ladder Operations / VES

This evaluation begins with two firefighters donning the SCBA while sitting on board a fire apparatus. The building will be charged with smoke. When ready, and on signal from a facilitator, the team will disembark the apparatus. While Firefighter 1 places a 24-foot ground ladder to a designated second story window, Firefighter 2 will proceed, with a hook, to designated ladder deployment area and proceed to don mask. Once ladder is in place Firefighter 2 will climb the ladder and clear the window and make entry into the room. Firefighter 1 will don mask, climb to top of ladder, and communicate via radio to Command that VES is in progress. Firefighter 2 will isolate the door and proceed to search the room, remaining in constant contact with Firefighter 1. Firefighter 2 will locate the victim and proceed to the window. Firefighter 1 will radio Command that victim has been found. Firefighter 1 and 2 will prepare the victim for removal. Firefighter 1 will proceed down the ladder with the victim. All communications with Command will be acknowledged and read-back via radio. Upon completion of the evolution, the evaluators will report their impressions of evaluation criteria such as donning & doffing, masking, communication, comfort, and ease of movement while performing assignment.

Vertical Ventilation

• This evolution begins with two firefighters donning the SCBA while sitting on board a fire apparatus. When ready, and on signal from a facilitator, the team will disembark the apparatus. Firefighter 1 will retrieve a 14' roof ladder while Firefighter 2 grabs a chainsaw and trash hook. Both firefighters will proceed to a pre-secured extension ladder placed to access the roof. They will then proceed to the roof and place the roof ladder in position. Once in position, they will don their masks, go on air, and proceed with simulating cutting a 4' x 4' ventilation hole. Once the simulated hole is completed, Firefighters will radio to Command, and Command will acknowledge and read-back via radio. Upon completion of the evolution, the evaluators will report their impressions of evaluation criteria such as donning & doffing, masking, communication, comfort, and ease of movement while performing assignment.

Mayday

0 This evolution begins at the door to the burn building with two firefighters in SCBA with masks off. The building will be charged with artificial smoke. When ready and on signal from a facilitator, the team will mask up and prepare to perform a left hand search. Firefighter 2 will communicate with command via radio and make entry. Upon arrival at a designated location the firefighters will simulate the following scenario: A ceiling has collapsed and the heat has increased. They will proceed through a wall breach prop. After through the wall breach and SCBA replaced if removed, Firefighter 1 will activate PASS device and simulate unconsciousness. Firefighter 2 will declare a mayday via radio and locate Firefighter 1. Firefighter 2 will silence the PASS device and perform a trans-fill or quick-fill operation. They will then perform a waist strap harness conversion operation and begin dragging Firefighter 1 towards door. All communications with Command will be acknowledged and read-back via radio. Upon completion of the evolution, the evaluators will report their impressions of evaluation criteria such as donning & doffing, masking, communication, comfort, and ease of movement, ability to locate and release/adjust the harness, and ability to operate controls in full protective clothing.

After completion of all field exercises evaluators will complete a form indicating their overall impression of the following items:

Overall Impression -

- Face piece
- Donning and doffing
- Heads up display
- Back frame/harness
- PASS/Gauges
- 2nd stage regulator
- Voice amplifier/mechanical emitter
- EBSS, Trans-fill/quick-fill

4.5 Service and Warranty

Service

- a) Experience in providing sales and service to fire departments within the State of Alaska for a minimum of the past 5 years.
- b) Successful proposer must have and maintain in Alaska a qualified and trained service technician(s).
- c) Provide information on resources available to your firm, which indicates that you have access to the services necessary to perform and warranty the work.
- d) Describe the firm's location and the ability of the service technician to travel to each department to perform onsite prepares within 7 days when required during the performance of the contract.
- e) Proposer must have a Propriety Inventory Tracking System.

Warranty

- a) Length of Warranty
- b) Comprehensiveness of Warranty
- c) Availability/Proximity of Service
- d) Availability of Parts
- e) Availability/Proximity of Training
- 4.6 References

Provide at least three (3) references for which your firm has provided the same or similar services within the State of Alaska and seven (7) references for which you firm has provided the same or similar services within areas of similar or like climates. Include a point of contact, telephone number, e-mail address, and a brief description of the equipment the reference possesses.

4.7 Cost & Fee Schedule

Under a separate cover, submit one copy of a fee schedule for all services, which may be required in the performance of this work. The fee schedule shall be all inclusive of all listed **reimbursable for each cost proposal line item**, overhead, G&A, fringe benefits, profit, insurance, etc.

The cost proposal portion of the submission should be submitted in a separate sealed envelope included in the sealed envelope, or package, containing the entire proposal.

The cost proposal will be opened and the cost score calculated after the scores of the other evaluation criteria have been calculated.

5.0 EVALUATION CRITERIA AND PROCESS

A committee of individuals representing the City of Kenai will perform evaluation of the proposal. The committee will rank the proposal as submitted. The City of Kenai reserves the right to award a contract solely on the written proposal.

The City also reserves the right to request oral interviews with the highest ranked firms (short list). The purpose of the interviews with the highest ranked firms is to allow expansion upon, and possible refinement of the written responses. If interviews are conducted, a maximum of three (3) firms will be short-listed. A second score sheet will be used to score those firms interviewed. The final recommendation for selection will be based on the total of all evaluators scores achieved on the second rating. The same categories and point ranges will be used during the second evaluation as for the first.

The evaluation committee will forward a recommendation for contract award based on points awarded. The firm, whose proposal is ranked highest, may be invited to enter into final negotiations with the City for the purposes of contract award.

5.1 Criteria

The criteria to consider during evaluations, and the associated point values, are as follows:

1.	Quality of Written Proposal	5 points
2.	Field Evaluation	40 points
3.	Service and Warranty	20 points
4.	References	5 points
5.	Cost	<u>30 points</u>
Total	Points Available	100 points

5.2 Qualitative Rating Factor

Firms will be ranked using the following qualitative rating factors, excluding cost, for each RFP criteria-.

- 1.0 Excellent
- .8 Very Good
- .6 Good
- .4 Fair
- .2 Poor
- 0 Not Acceptable

The rating factor for each criteria category will be multiplied against the points available to determine the total points for that category.

6.0 SELECTION PROCESS

The Proposer with the highest total evaluation points may be invited to enter into contract negotiations with the City of Kenai. If an agreement cannot be reached with the highest ranked Proposer, the City shall notify the proposer and terminate the negotiations. If proposals are submitted by one or more other proponents determined to be qualified, negotiations may then be conducted with such other proposers in the order of their respective rankings. This process may continue until successful negotiations are achieved. The City of Kenai reserves the right to reject any and all proposals submitted.

7.0 APPEAL PROCEDURE

Any party submitting a proposal for this procurement and who believes that they are adversely affected by the City's procurement process, or by any acts of the City in connection with the award of a City contract, may file a protest appeal with the City's Public Works Director. All protest appeals must be filed with the City within 10 days of the issuance of the City's notice of its intent to award the contract. The City Manager will decide the appeal. The protest appeal must be in writing and shall include the following information:

- A. the name, address, e-mail, and telephone and facsimile numbers of the protester;
- B. the signature of the protester or the protester's representative;
- C. identification of the solicitation or contract at issue;
- D. a detailed statement of the legal and factual grounds of the protest, including copies of relevant documents; and,
- E. the form of relief requested.

The protest appeal may be hand-delivered, faxed, or sent by U.S. mail with postage prepaid to the attention of the Public Works Director, 210 Fidalgo Avenue, Kenai, AK 99611. Regardless of the method of delivery chosen by the protester, all protest appeals must be actually received by the City within 5 calendar days of the issuance of the City's notice of intent to award. If the fifth day is a City-recognized holiday or a weekend, the deadline for appeal shall be the next workday. It is up to the protester to choose a method of delivery to assure timely receipt by the City.

The City Manager shall decide the protest appeal and issue a written decision under the following general procedures:

- A. If the City Manager sustains a protest in whole or in part, the City Manager shall implement an appropriate remedy.
- B. In determining an appropriate remedy, the City Manager shall consider the circumstances surrounding the solicitation or procurement including the seriousness

of the procurement deficiencies, the degree of prejudice to other interested parties or to the integrity of the procurement system, the good faith of the parties, the extent the procurement has been accomplished, costs to the agency and other impacts on the agency of a proposed remedy, and the urgency of the procurement to the welfare of the City.

C. Notwithstanding subsections A and B immediately above, if the City Manager sustains a protest appeal in whole or part, the protester's damages shall not exceed the reasonable proposal preparation costs.

The City Manager shall deliver his or her determination of the protest appeal in writing to the protester by hand-delivery at the protester's place of business or other address or via U.S. Mail or facsimile, and shall be effective immediately upon receipt if hand-delivered, upon receipt of delivery confirmation if sent by facsimile or, if mailed, three days after placement in the U.S. Mail

A party filing a protest appeal may appeal the City Manager's decision to the Kenai Superior Court.

8.0 SAMPLE CONTRACT OR MINIMUM MANDATORY CONTRACT PROVISIONS

In addition to carefully reading all of the information in the RFP, all Proposers must carefully read and review the attached sample contract. The successful Proposer shall be required to enter into a Contract with the City Kenai, which will be substantially similar to the sample.

Therefore, the Proposer must identify any proposed changes to the sample Contract consistent with Section 1.3 of this RFP.

IF NO CHANGES ARE MADE, THE PROPOSER SHALL BE DEEMED TO HAVE ACCEPTED THE SAMPLE CONTRACT. IF THE RESPONDENT MAKES CHANGES, SUCH CHANGES WILL BE CONSIDERED IN ANY NEGOTIATIONS WITH THE CITY. CHANGES MADE TO THE SAMPLE CONTRACT SHALL NOT BE CONSIDERED DURING PROPOSAL EVALUATIONS.

Contractor's	Printed	Name:
--------------	---------	-------

Contractor's Fed. Tax ID #:



THE CITY OF KENAI SHORT FORM AGREEMENT

This agreement is not valid until properly signed by the parties and accompanied by a valid City of Kenai Purchase Order City of Kenai 210 Fidalgo Ave. Kenai, AK 99611 907-283-8236

CONTRACTOR WILL PROVIDE THE CITY OF KENAI THE FOLLOWING SERVICE(S);

Interpretation: The following documents are incorporated herein by reference and shall be given the following order of precedence:

1. Addenda

2. Bid Specifications / Drawings / Instructions to Bidders

3. This Short Form Agreement

4. General Conditions (See page two / reverse of this form if double sided)

5.Contractor's Bid

Contractor's compensation will be (In words and numbers):

Time of commencement and completion:

		Y AFFIRMS THAT HE OR SHE HAS READ AND AGREEMENT INCLUDING THE GENERAL		Contractor's Address & P	hone / Fax Numbers:
Contractor's Signature		Date			
Recommended by:		Purchase Order Number:	Арр	proved by City Manager:	
Signature	Date		Sigr	ature	Date

Short Form Agreement

GENERAL CONDITIONS

Section 1. Execution of This Agreement. This agreement is not valid until properly signed by the parties and accompanied by a valid City of Kenai Purchase Order.

Section 2. Independent Contractor. The Contractor shall provide services as an independent contractor to the City.

Section 3. Compliance With Laws. The Contractor shall comply with all statutes, ordinances, and regulations governing its performance, post all required notices, and obtain all permits, licenses, and other entitlements necessary to its performance. The Contractor shall pay all taxes related to its performance and shall be current on all borough taxes at the time of entering this agreement. The Contractor shall acquire and maintain in good standing all permits, licenses; and other entitlements necessary to the legal performance of this agreement.

Section 4. Equal Employment Opportunity.

- A. The Contractor will not discriminate against any applicant for employment because of race, color, religion, national origin, ancestry, age, sex, marital status, or mental or physical handicap. The Contractor will take affirmative action to ensure that applicants are employed and that employees are treated during employment without regard to the characteristics listed above. Such action shall include, without limitation, employment, upgrading, demotion or transfer, recruitment or recruiting or recruiting advertising, lay-off or termination, rates of pay or other forms of compensation, and selection for training including apprenticeship. The Contractor will post in conspicuous places, available to employees and applicants for employment, notices setting forth the provisions of this nondiscrimination clause.
- B. The Contractor shall state in all solicitations or advertisements for employees to work on agreement jobs, that all qualified applicants will receive consideration for employment without regard to race, color, religion, national origin, ancestry, age, sex, marital status, or physical or mental handicap.
- C. The Contractor shall include the provisions of subsections A and B of this section in every subcontract or purchase order under this agreement, so as to be binding upon every subcontractor or vendor of the Contractor under this agreement.

Section 5. Insurance. During the term of this agreement the Contractor shall maintain a policy of workers' compensation and employers' liability insurance as required by law. Contractor shall also be required to carry Commercial general liability with minimum coverage of \$1,000,000 and automobile liability insurance with minimum coverage of \$1,000,000 combined single limit bodily injury and property damage per occurrence. This insurance shall be primary and exclusive of any other insurance carried by the City of Kenai. The commercial general liability insurance shall be without limitation on the time within which the resulting loss, damage, or injury is actually sustained. Certificate(s) of Insurance shall be provided by Contractor and all subcontractors, or their Insurance Companies and/or their Agents, naming the City of Kenai as an additional insured for the work specified in this contract with a waiver of subrogation for commercial general liability insurance and automobile liability insurance. The certificates of insurance must reference the specific contract by name and project number. Workers compensation insurance must be endorsed for waiver of subrogation against the City. Such insurance shall be by a company/corporation currently rated "A-"or better by A.M. Best. If providing professional services, \$1,000,000 against any claim arising out of professional liability/errors or omissions of Consultant and/or Consultant's subcontractors must be provided.

Section 6. Assignments. Unless the City provides otherwise in writing, any assignment by the Contractor of its interest in any part of this agreement or any delegation of its duties shall be void, and permit the City to terminate this agreement without liability for work performed.

Section 7. Ownership, Publication, Reproduction, and Use of Material. Unless the City provides otherwise in writing, all data, documents, and materials that the Contractor produces shall be property of the City, which shall retain the exclusive right to publish, disclose, distribute and otherwise use, in whole or in part, any such data, documents, or other materials. This exclusive right does not apply to any materials presently in the public domain or not subject to copyright.

Section 8. Indemnity. The contractor shall indemnify, hold harmless, and defend the City at its own expense from and against any and all claims, losses, damages or expenses, including reasonable attorney's fees, of, or liability for, any wrongful or negligent acts, errors, or omissions of the contractor, its officers, agents or employees, or any subcontractor under this agreement. The contractor shall not be required to defend or indemnify the City for any claims of, or liability for, any wrongful or negligence of the City, the indemnification and hold harmless obligation shall be apportioned on a comparative fault basis. Apportionment shall be determined upon final determination of percentage of fault. If any such determination is by settlement, the percentage of fault attributed to each party for purposes of this indemnification provision shall only be binding upon the parties included in the settlement agreement. "Contractor" and "City" as used in this article include the employees, agents, officers, directors, and other contractors who are directly responsible, respectively, to each. The term "independent negligence of the City" is negligence other than in the City's selection, administration, monitoring, or controlling of the contractor and in approving or accepting the contractor's work.

Section 9. Termination.

This agreement may be terminated for cause immediately or by the City for its convenience upon fifteen (15) days' written notice to the Contractor. Upon termination and the Contractor's furnishing to the City all finished and unfinished data, documents or other materials prepared under the agreement, the City shall pay the Contractor for all satisfactory work performed before termination.

Section 10. Nonwaiver. Either party failing to enforce a provision of this agreement does not waive the provision or affect the validity of the agreement or a party's right to enforce any provision of the agreement.

Section 11. Jurisdiction and Choice of Law. Any civil action arising from this agreement shall be brought in the trial courts for the Third Judicial District of the State of Alaska at Kenai. The laws of the State of Alaska govern this agreement.

Section 12. Integration. This document and all documents incorporated in it by reference are the entire agreement of the parties and supersede all previous communications, representations or agreements regarding this subject, whether oral or written, between the parties.

Kena	mpliance Ce i Peninsula E	Boroug			
FI 144 N. Binkley Street Soldotna, Alaska 99669-7 www.kpb.us	nance Departr ⁵⁹⁹	Phor	ne: (907) 714- or: (907) 714- ax: (907) 714-	2175	
1.) Fill in all information requeste	ed. 2.) Sign and date. 3	.) Submit wit	h solicitation, or	other.	For Official Use Only
Reason for Certificate:			For Departm	ent:	
Solicitation Oth	er:		Dept. Conta	ct:	
Business Name:			1		
Business Type:	🗌 Individual 🗌] Corporatio	on 🗌 Partne	rship 🗌 Ot	her:
Owner Name(s):					
Business Mailing Address:					
Business Telephone:			Business Fax:		
Email:					
REAL/PERSONAL/BUSINESS	ACCT. NAME		TAX ACCOL YEAR LAST P		BE COMPLETED BY KPB) BALANCE DUE
KPB Finance Department (signa	ture required)		ate	_ In Compli	ance 🗌 Not in Compliance
SALES TAX AC	COUNTS		TAX ACCOU	NTS/STATUS (TO	BE COMPLETED BY KPB)
ACCI. NO.	ACCT. NAME		FILED THRU	M/F's	BALANCE DUE
KPB Sales Tax Division (signature	e required)		ate	_ 🗌 In Compli	ance 🗌 Not in Compliance
	me of Applicant)		(Title)	, h	ereby certify that, to the
best of my knowledge, the abo	ove information is correc		Date)	Signature of A	Applicant (Required)

IF ANY BUSINESS IS CONDUCTED OR IS AWARDED A BID WITHIN THE KENAI PENINSULA BOROUGH YOU MUST BE REGISTERED TO COLLECT SALES TAX. THE SALES TAX DEPARTMENT CAN BE REACHED AT (907) 714-2175.



KENAI FIRE DEPARTMENT, CENTRAL EMERGENCY SERVICES, NIKISKI FIRE DEPARTMENT

INSPECTION

Evaluator

Department

SCBA Evaluated

INSTRUCTIONS

Please complete this evaluation following the orientation session and inspection of the SCBA. Indicate your findings using the following scale.

0	1	2	3	4	5	
Not acceptable	Poor	Fair	Good	Very good	Excellent	

Please ensure that a score of 0, 1, or 5 is accompanied with a comment with explanation. Additional comments may also be submitted if desired.

RATING CRITERION

		0	1	2	3	4	5
1.	Package profile						
2.	Components protected from damage						
3.	Straps well-constructed and padded						
4.	Buckles and/or fasteners operate smoothly						
5.	Cylinder securely fastens to back frame.						
6.	Adjustability of harness						
					To	tal	

COMMENTS (PLEASE BE SPECIFIC)



KENAI FIRE DEPARTMENT, CENTRAL EMERGENCY SERVICES, NIKISKI FIRE DEPARTMENT

SIMULATED FIRE ATTACK

Evaluator

Department

SCBA Evaluated

INSTRUCTIONS

Please complete this evaluation immediately following the completion of the simulated fire attack scenario. Indicate your findings using the following scale.

0	1	2	3	4	5
Not acceptable	Poor	Fair	Good	Very good	Excellent

Please ensure that a score of 0, 1, or 5 is accompanied with a comment with explanation. Additional comments may also be submitted if desired.

RATING CRITERION

	0	1	2	3	4	5
1. Ease of donning in jump seat position						
2. Activities with mask in standby mode						
3. Comfort and ease of movement during activity						
4. Ability to carry out assigned tasks						
5. Ease and speed of masking up						
6. Radio communications with background noise						
7. Voice communications with background noise						
8. Perceived weight and balance						
9. Ease and speed of cylinder change						
				Total		

COMMENTS (PLEASE BE SPECIFIC)

Form – Evaluation – 02 - Simulated Fire Attack



KENAI FIRE DEPARTMENT, CENTRAL EMERGENCY SERVICES, NIKISKI FIRE DEPARTMENT

EXTERIOR LADDER OPERATIONS AND VES

Evaluator

Department

SCBA Evaluated

INSTRUCTIONS

Please complete this evaluation immediately following the completion of the exterior ladder operations and VES scenario. Indicate your findings using the following scale.

0	1	2	3	4	5
Not acceptable	Poor	Fair	Good	Very good	Excellent

Please ensure that a score of 0, 1, or 5 is accompanied with a comment with explanation. Additional comments may also be submitted if desired.

RATING CRITERION

	0	1	2	3	4	5
1. Ease of donning in jump seat position						
2. Activities with mask in standby mode						
3. Comfort and ease of movement during activity						
4. Ability to carry out assigned tasks						
5. Ease and speed of masking up						
6. Radio communications with background noise						
7. Voice communications with background noise						
8. Perceived weight and balance						
9. Ease of climbing/operating off ladder						
10. Ease of carrying/placing ladder						
11. Ease of enter/exit through window opening						
12. Ease of bringing victim down ladder						

Total

COMMENTS (PLEASE BE SPECIFIC)

Form – Evaluation – 03 – Exterior Ladder Operations and VES



KENAI FIRE DEPARTMENT, CENTRAL EMERGENCY SERVICES, NIKISKI FIRE DEPARTMENT

VERTICAL VENTILATION

Evaluator

Department

SCBA Evaluated

INSTRUCTIONS

Please complete this evaluation immediately following the completion of the vertical ventilation scenario. Indicate your findings using the following scale.

0	1	2	3	4	5
Not acceptable	Poor	Fair	Good	Very good	Excellent

Please ensure that a score of 0, 1, or 5 is accompanied with an explanation. Additional comments may also be submitted if desired.

RATING CRITERION

	0	1	2	3	4	5
1. Ease of donning in jump seat position						
2. Activities with mask in standby mode						
3. Comfort and ease of movement during activity						
4. Ability to carry out assigned tasks						
5. Ease and speed of masking up						
6. Radio communications with background noise						
7. Voice communications with background noise						
8. Perceived weight and balance						
9. Ease of climbing/operating off ladder						
10. Positioning during cutting						
	•			Total		

COMMENTS (PLEASE BE SPECIFIC)

Form – Evaluation – 04 – Vertical Ventilation



KENAI FIRE DEPARTMENT, CENTRAL EMERGENCY SERVICES, NIKISKI FIRE DEPARTMENT

MAYDAY

Evaluator

Department

SCBA Evaluated

INSTRUCTIONS

Please complete this evaluation immediately following the completion of mayday scenario. Indicate your findings using the following scale.

0	1	2 3		4	5
Not acceptable	Poor	Fair	Good	Very good	Excellent

Please ensure that a score of 0, 1, or 5 is accompanied with an explanation. Additional comments may also be submitted if desired.

RATING CRITERION

	0	1	2	3	4	5
1. Activities with mask in standby mode						
2. Comfort and ease of movement during activity						
3. Ability to carry out assigned tasks						
4. Ease and speed of masking up						
5. Radio communications with background noise						
6. Voice communications with background noise						
7. Perceived weight and balance						
8. Ease of donning/doffing pack – low profile						
9. Ease to locate to locate and activate/silence PASS						
10. Ease to locate and use trans-fill or quick-fill						
11. Ease to locate, adjust, and configure harness						
				Total		

COMMENTS (PLEASE BE SPECIFIC)

Form – Evaluation – 05 – Mayday



KENAI FIRE DEPARTMENT, CENTRAL EMERGENCY SERVICES, NIKISKI FIRE DEPARTMENT

OVERALL IMPRESSION

Evaluator

Department

SCBA Evaluated

INSTRUCTIONS

Please complete this evaluation immediately following the completion of all evaluations. Indicate your findings using the following scale.

0	1	2	3	4	5
Not acceptable	Poor	Fair	Good	Very good	Excellent

Please ensure that a score of 0, 1, or 5 is accompanied with an explanation. Additional comments may also be submitted if desired.

FACE PIECE

		0	1	2	3	4	5
1.	Field of vision						
2.	Profile						
3.	Comfort						
4.	Headnet fit						
5.	Off-air breathing						
6.	Cleaning/disinfecting						
7.	Clarity of communication on air						
8.	Clarity of communication off air						
9.	Fit integrated with helmet						
10.	Overall design and function						

DONNING AND DOFFING

		0	1	2	3	4	5
1.	Ease of donning/doffing						
2.	Ease of standing cylinder change						
3.	Mask seal check						
4.	2 nd stage regulator ease of use without gloves						
5.	2 nd stage regulator ease of use with gloves						
6.	Ability to confirm positive connection						
7.	Cylinder bracket ease of use						
					Total		



KENAI FIRE DEPARTMENT, CENTRAL EMERGENCY SERVICES, NIKISKI FIRE DEPARTMENT HEADS UP DISPLAY 0 1 2 3 4 5 1. Ease of interpreting lights 2. Visibility of lights 3. Clarity of vision while in use 4. Dimmable properties 5. Perceived durability 6. Profile 7. Overall design and function Total **BACK FRAME/HARNESS** 2 3 0 1 4 5 1. Comfort 2. Weight distribution 3. Ease of donning 4. Shoulder straps 5. Waist buckle assembly 6. Frame adjustability 7. Mobility 8. RIT/Drag rescue system 9. Overall design and function Total PASS/GAUGES 0 1 2 3 4 5 1. Visibility of lights/gauges - Supine 2. Visibility of lights/gauges - Prone Visibility of lights/gauges - On side 3. 4. PASS Sensitivity 5. Audible signal 6. Ease of activation with gloves Ease of resetting with gloves 7. 8. Overall Total

Form – Evaluation – 06 – Overall



							"CODA # 680
JAII	FIRE DEPARTMENT, CENTRAL EMERGENC	CY SERVICES, NII	KISKI FIRI	E DEPART	MENT		
STA	GE REGULATOR					-	
		0	1	2	3	4	5
1.	Profile						
2.	Field of vision						
3.	Ease of attachment to face piece						
4.	Ease of removal from face piece						
5.	Positive docking position						
6.	Ease of operating bypass						
7.	Ease of 1 st breath operation/reset						
8.	Length of hose						
9.	Heavy work rate breathing						
10.	Standby storage						
11.	Overall design and function						
					Total		
ими	JNICATIONS						
		0	1	2	3	4	5
1.	Location of amplifier						
2.	Profile						
3.	Perceived durability						
4.	Clarity of speech without radio						
5.	Clarity of speech with radio						
6.	Activation						
7.	Use with gloved hand						
		I			Total		
	ER – VALVE TYPE						
me		0	1	2	3	4	5
1.	Ease of cylinder change	<u>~</u>					
	Visibility of cylinder gauge						
3.							
4.	Weight						
5.	Ease of changing cylinder diameters						
6.	Overall design and function						

Form – Evaluation – 06 – Overall



	ER – VALVE TYPE						
		0	1	2	3	4	5
1.	Ease of cylinder change						
2.	Visibility of cylinder gauge						
3.	Profile						
4.	Weight						
5.	Ease of changing cylinder diameters						
6.	Overall design and function						
					Total		
NS-	FILL/QUICK-FILL						
NJ		0	1	2	3	4	5
1	Location	0	T	2	5	4	<u> </u>
1.							
1. 2.	Length of hose						
2.	Length of hose						
2. 3.	Length of hose Ease of availability with gloves						
2. 3. 4.	Length of hoseEase of availability with glovesEase of connection with glovesTime to place in service						
2. 3. 4. 5.	Length of hose Ease of availability with gloves Ease of connection with gloves						
 2. 3. 4. 5. 6. 	Length of hoseEase of availability with glovesEase of connection with glovesTime to place in serviceSecurity of connections						
 2. 3. 4. 5. 6. 7. 	Length of hoseEase of availability with glovesEase of connection with glovesTime to place in serviceSecurity of connectionsMobility after connection						



KENAI FIRE DEPARTMENT, CENTRAL EMERGENCY SERVICES, NIKISKI FIRE DEPARTMENT **BENCH TESTING** Evaluator Department SCBA Evaluated INSTRUCTIONS Please complete this evaluation following along with the bench testing. Indicate your findings using the following scale. 0 1 2 3 4 5 Not acceptable Poor Fair Good Very good Excellent Please ensure that a score of 0, 1, or 5 is accompanied with an explanation on the back. Additional comments may also be submitted if desired. RATING CRITERION 0 2 3 4 1 5 1. Breathing rate test Time until Empty Normal rate ٠ Time until Empty Fast rate • Icing present Υ Ν o Icing Y Icing present Ν Cylinder ¼ open • Υ Icing present Ν • Water in second stage Υ Ν Icing present ٠ Water in face piece ٠ **Overall operations** 2. Tear down and decontamination • Ease of maintenance Ease of decontamination • 3. Flow test Cylinder valve immersion • 2nd stage 2nd stage 2nd stage Overall 1st Stage Normal Rate failure failure failure icing free flow YES NO Cylinder valve immersion ٠ 1st Stage 2nd stage 2nd stage 2nd stage Overall o Fast Rate failure free flow failure failure icing YES NO Total

Form – Evaluation – 07 – Bench Testing



KENAI FIRE DEPARTMENT, CENTRAL EMERGENCY SERVICES, NIKISKI FIRE DEPARTMENT

WARRANTY AND SERVICE

Evaluator

Department

SCBA Evaluated

INSTRUCTIONS

Please complete this evaluation following the session. Indicate your findings using the following scale.

0	1	2	3	4	5
Not acceptable	Poor	Fair	Good	Very good	Excellent

Please ensure that a score of 0, 1, or 5 is accompanied with a comment with explanation. Additional comments may also be submitted if desired.

RATING CRITERION

		0	1	2	3	4	5
1.	Length of warranty						
2.	Comprehensiveness of warranty						
3.	Availability/Proximity of service						
4.	Availability of parts						
5.	Availability/Proximity of Training						
6.	Proprietary Inventory Tracking System						
7.	Experience in providing sales and service to fire departments within the State of Alaska for a minimum of the past 5 years.						
8.	Successful proposer must have and maintain in Alaska a qualified and trained service technician(s).						
9.	Provide information on resources available to your firm, which indicates that you have access to the services necessary to perform and warranty the work.						
10.	Describe the firm's location and the ability of the service technician to travel to each department to perform onsite prepares within 7 days when required during the performance of the contract.						
		•	•	•	То	tal	

COMMENTS (PLEASE BE SPECIFIC)



KENAI FIRE DEPARTMENT, CENTRAL EMERGENCY SERVICES, NIKISKI FIRE DEPARTMENT



KENAI FIRE DEPARTMENT, CENTRAL EMERGENCY SERVICES, NIKISKI FIRE DEPARTMENT

INSPECTION

All evaluators will participate in this session. Each manufacturer's representative will provide the training. In conjunction with the training session, all evaluators will complete an inspection and evaluation of each model on factors such as overall design, materials, ease of cleaning/decontamination, and ease of maintenance.

Supplied by manufacturers

Supplied by manufacturers

Supplied by manufacturers

Supplied by manufacturers

FACILITATOR

To Be Determined

SCHEDULE

To Be Determined

ITEMS REQUIRED

•	6 each	
•	12 each	

- 12 each Air cylinders
- 12 each Face masks (various sizes)

SCBA

- 1 each RIC kit with attachments
- 20 each Evaluation score sheets
- Pens, clipboards, etc.

SET-UP

To Be Determined



KENAI FIRE DEPARTMENT, CENTRAL EMERGENCY SERVICES, NIKISKI FIRE DEPARTMENT

SIMULATED FIRE ATTACK

This evolution begins with the firefighters donning the SCBA while sitting on board a fire apparatus. When ready, and on signal from a facilitator, the team will disembark the apparatus. While Firefighter 1 stretches a 1-¾ inch hand line to the burn building and orders the line to be charged, Firefighter 2 will perform an abbreviated 360 size-up of the building and then upon arriving at the entry point Firefighter 1 and 2 will, using an irons set, force open the door. Both firefighters will don masks, perform a buddy check, communicate via radio to Command, and make entry into the burn building. The building will be charged with artificial smoke. The team will advance the hose line to the designated room on the second floor, at which time Firefighter 1 will provide a CAN (conditions, actions, needs) report to command. Command will instruct both firefighters to leave the building where a cylinder exchange will occur. All communications with Command will be acknowledged and read-back via radio.

FACILITATOR

To Be Determined

SCHEDULE

To Be Determined

ITEMS REQUIRED

6 each	SCBA	Supplied by manufacturers
• 12 each	Air cylinder	Supplied by manufacturers
• 12 each	Face masks (various sizes)	Supplied by manufacturers
• 1 each	Engine - equipped	
• 1 each	Engineer	
• 1 each	Smoke generator	
• 1 each	Irons set	
• 2 each	Portable radio	
•	Rehab assistants	
•	Evaluation score sheets	
•	Pens, clipboards, etc.	

SET-UP

- Position engine in location to the burn building to simulate fire attack
- Two firefighters in jumpseats in SCBA with radios and masks (mask off)
- Burn building charged with artificial smoke
- Rehab area setup in front of engine for bottle swap



- 1. Ensure building is fully charged with smoke
- 2. Facilitator signals over radio for firefighters to begin
- 3. Firefighters exit the engine
- 4. Firefighter 1 pulls 1-¾ inch hand line and advances to door
- 5. Firefighter 2 grabs irons set and conducts an abbreviated 360 walk-around and meets Firefighter 1 at entry
- 6. Firefighter 1 and 2 force the door using the irons set
- 7. Both firefighters mask up
- 8. Firefighter 2 radios Command the following: "Command, fire attack making entry with 2 through alpha door"
- 9. Facilitator acknowledges with the following: "Command copies, fire attack making entry with 2, alpha door"
- 10. Firefighters advance line to first room on left side of second floor
- 11. Firefighter 2 radios the following CAN report to Command: "Command, fire attack located the fire, we are extinguishing, send additional crews to search for extension.
- 12. Facilitator acknowledges with the following: "Command copies, fire located and being extinguished, additional crews requested to search for extension."
- 13. Firefighters will exit the building and proceed to the rehab area in front of the engine
- 14. Both Firefighters will have their cylinders replaced.
- 15. Operation ends
- 16. Firefighters complete evaluation sheet
- 17. Facilitator collects evaluation sheets



KENAI FIRE DEPARTMENT, CENTRAL EMERGENCY SERVICES, NIKISKI FIRE DEPARTMENT

EXTERIOR LADDER OPERATIONS AND VES

This evaluation begins with two firefighters donning the SCBA while sitting on board a fire apparatus. The building will be charged with artificial smoke. When ready, and on signal from a facilitator, the team will disembark the apparatus. While Firefighter 1 places a 24-foot ground ladder to a designated second story window, Firefighter 2 will proceed, with a hook and irons, to designated ladder deployment area and proceed to don mask. Once ladder is in place Firefighter 2 will climb the ladder and clear the window and make entry into the room. Firefighter 1 will don mask, climb to top of ladder, and communicate via radio to Command that VES is in progress. Firefighter 2 will isolate the door and proceed to search the room, remaining in constant contact with Firefighter 1. Firefighter 2 will locate the victim and proceed to the window. Firefighter 1 will radio Command that victim has been found. Firefighter 1 and 2 will prepare the victim for removal. Firefighter 1 will proceed down the ladder with the victim. All communications with Command will be acknowledged and read-back via radio.

FACILITATOR

To Be Determined

SCHEDULE

To Be Determined

ITEMS REQUIRED

• 6 each	SCBA	Supplied by manufacturers
• 12 each	Air cylinder	Supplied by manufacturers
• 12 each	Face masks (various sizes)	Supplied by manufacturers
• 1 each	Engine - equipped	
• 1 each		
• 1 each	Smoke generator	
• 1 each	Training dummy	
• 1 each	24 foot ground ladder	
• 1 each	New York Hook	
• 1 each		
• 2 each		
•	Evaluation score sheets	
•	Pens, clipboards, etc.	

- Position engine in location to the burn building to simulate fire attack
- Two firefighters in jumpseats in SCBA with radios and masks (mask off)
- Drywall placed in designated window
- Training dummy placed in designated location
- Burn building charged with artificial smoke



- 1. Ensure training dummy is placed in designated location
- 2. Facilitator signals over radio for firefighters to begin
- 3. Firefighters exit the engine
- 4. Firefighter 2 retrieved New York hook and irons and proceed to designated location
- 5. Firefighter 2 masks up leaving regulator unattached
- 6. Firefighter 1 retrieves and places 24-foot extension ladder to designated window to facilitate VES
- 7. Firefighter 2 climbs ladder, connects regulator, and clears window for entry
- 8. Firefighter 1 masks up
- 9. Firefighter 2 sounds the floor and enters the window
- 10. Firefighter 1 climbs the ladder, makes voice contact with Firefighter 1, and then radios Command the following: "Command, Engine 1, making entry with 1 for VES, second story, bravo side."
- 11. Facilitator acknowledges with the following: "Command copies, Engine 1 making entry with 1 for VES."
- 12. Firefighters remain in constant voice contact
- 13. Firefighter 2 will isolate the door and proceed to search the room, location the victim
- 14. After notifying Firefighter 1 of victim discovery, Firefighter 2 will bring the victim to the window
- 15. Firefighter 1 radios Command the following: "Command, Engine 1, Victim located and being removed from second story window."
- 16. Facilitator acknowledges with the following: "Command copies, victim located and being removed via second story window."
- 17. Firefighter 1 and 2 prepare victim for removal
- 18. Firefighter 1 proceeds down the ladder with the victim
- 19. Operation ends
- 20. Firefighters complete evaluation sheet
- 21. Facilitator collects evaluation sheets



KENAI FIRE DEPARTMENT, CENTRAL EMERGENCY SERVICES, NIKISKI FIRE DEPARTMENT

VERTICAL VENTILATION

This evolution begins with two firefighters donning the SCBA while sitting on board a fire apparatus. When ready, and on signal from a facilitator, the team will disembark the apparatus. Firefighter 1 will retrieve a 14' roof ladder while Firefighter 2 grabs a chainsaw and trash hook. Both firefighters will proceed to a pre-secured extension ladder placed to access the roof. They will then proceed to the roof and place the roof ladder in position. Once in position, they will don their masks, go on air, and proceed with simulating cutting a 4' x 4' ventilation hole. Once the simulated hole is completed, Firefighters will radio to Command and Command will acknowledge and read-back via radio.

FACILITATOR

To Be Determined

SCHEDULE

To Be Determined

ITEMS REQUIRED

• 6 each	SCBA	Supplied by manufacturers
• 12 each	Air cylinder	Supplied by manufacturers
• 12 each	Face masks (various sizes)	Supplied by manufacturers
• 1 each	Engine - equipped	
• 1 each	Engineer	
• 1 each	28-foot ground ladder	
• 1 each	14-foot roof ladder	
• 1 each	Trash Hook	
• 1 each	Chainsaw with chain removed	
• 2 each	Portable radio	
•	Evaluation score sheets	
•	Pens, clipboards, etc.	

- Position engine in location to the burn building to simulate fire attack
- 28-foot extension ladder secured and placed to access the roof for vertical ventilation.
- Two firefighters in jumpseats in SCBA with radios and masks (mask off)



- 1. Ensure extension ladder is properly placed in secured
- 2. Facilitator signals over radio for firefighters to begin
- 3. Firefighters exit the engine
- 4. Firefighter 1 retrieves 14-foot roof ladder and proceeds to extension ladder
- 5. Firefighter 2 retrieves chain saw and trash hook and proceeds to extension ladder
- 6. Firefighter 1 carries roof ladder up the ground ladder and place for vertical ventilation
- 7. Firefighter 1 descends ladder and retrieves the trash hook
- 8. Firefighter 1 climbs the ladder and sounds the roof with the trash hook before stepping onto the roof ladder
- 9. Firefighter 2 brings the chainsaw up the ladder and takes position on the roof ladder behind Firefighter 1
- 10. Both firefighters mask up
- 11. Firefighter 1 and 2 will switch tools
- 12. Firefighter 1 starts the chainsaw and proceeds to simulate completing a 4' x 4' louver cut vent hole
- 13. With saw running at idle Firefighter 2 will radio command a progress report with the following: "Command, ventilation crew has opened the roof and ceiling, proceeding off the roof."
- 14. Facilitator acknowledges with the following: "Command copies, ventilation crew has opened the roof and ceiling and will be proceeding off the roof."
- 15. Operation ends
- 16. Firefighters complete evaluation sheet
- 17. Facilitator collects evaluation sheets



KENAI FIRE DEPARTMENT, CENTRAL EMERGENCY SERVICES, NIKISKI FIRE DEPARTMENT

MAYDAY

This evolution begins at the door to the burn building with two firefighters in SCBA with masks off. The building will be charged with artificial smoke. When ready and on signal from a facilitator, the team will mask up and prepare to perform a left hand search. Firefighter 2 will communicate with command via radio and make entry. Upon arrival at a designated location the firefighters will simulate the following scenario: A ceiling has collapsed and the heat has increased. They will proceed through a wall breach prop. After through the wall breach and SCBA has been replaced if removed, Firefighter 1 will activate PASS device and simulate unconsciousness. Firefighter 2 will declare a mayday via radio and locate Firefighter 1. Firefighter 2 will silence the PASS device and perform a trans-fill or quick-fill operation. They will then perform a waist strap harness conversion operation and begin dragging Firefighter 1 towards door. All communications with Command will be acknowledged and read-back via radio.

FACILITATOR

To Be Determined

SCHEDULE

To Be Determined

ITEMS REQUIRED

6 each	SCBA	Supplied by manufacturers
• 12 each	Air cylinder	Supplied by manufacturers
• 12 each	Face masks (various sizes)	Supplied by manufacturers
• 1 each	RIC pack – equipped	Supplied by manufacturers
• 1 each	Engine - equipped	
• 1 each	Engineer	
• 1 each	Smoke generator	
• 1 each	Irons set	
• 2 each	Portable radio	
•	Evaluation score sheets	
•	Pens, clipboards, etc.	

- Position engine in location to the burn building to simulate fire attack
- Evaluators shown location of low-profile wall breach.
- Burn building charged with smoke
- Two firefighters at designated location in SCBA with radios, tools, and masks (mask off)



- 1. Ensure building is fully charged with smoke
- 2. Facilitator signals over radio for firefighters to begin
- 3. Both firefighters mask up
- 4. Firefighter 2 will radio Command the following: "Command, search crew is making entry with 2."
- 5. Facilitator acknowledges with the following: "Command copies, search crew making entry with 2."
- 6. Team makes a standard left-hand search, staying in constant voice contact
- 7. When team reaches pre-identified location of low-profile wall breach Firefighter 1 will proceed through wall breach followed by Firefighter 2
- 8. Both firefighters replace SCBA, if removed
- 9. Firefighter 1 will activate PASS and simulate unconsciousness.
- 10. Firefighter 2 declares a mayday via radio and locates firefighter 1
- 11. Facilitator acknowledges via radio
- 12. Firefighter 2 silences PASS
- 13. Firefighter performs a trans-fill, quick-fill, or buddy breathing operation
- 14. Firefighter 2 performs a waist strap harness conversion and drags downed firefighter 5-8 feet
- 15. Operation ends
- 16. Firefighters complete evaluation sheet
- 17. Facilitator collects evaluation sheets



KENAI FIRE DEPARTMENT, CENTRAL EMERGENCY SERVICES, NIKISKI FIRE DEPARTMENT

BENCH TESTING

Flow testing allows inspection and testing the mechanical operation of the SCBA at the technician level. Evaluators will be looking to determine the SCBA's ease of inspection, repair, and flow testing.

FACILITATOR

To Be Determined

SCHEDULE

To Be Determined

ITEMS REQUIRED

• • •	1 each 1 each 1 each 1 each	SCBA 45-minute air cylinders Face masks Tools Fittings /adapters for Posi-Check	Supplied by manufacturers Supplied by manufacturers Supplied by manufacturers Supplied by manufacturers Supplied by manufacturers
• • •		Software to perform flow test Tools Evaluation score sheets Pens, clipboards, etc.	Supplied by manufacturers Supplied by manufacturers

- Breathing Rate Test
 - o Perform normal rate breathing for full 45-minute bottle while recording time from start until empty.
 - Perform fast rate breathing for full 45-minute bottle while recording time from start until empty.
 - Perform fast rate breathing for full 45-minute bottle while inspecting for icing on the any of the regulator and checking operations.
 - With cylinder wheel only open ¼ turn, perform fast rate breathing for full 45-minute bottle while inspecting for icing on any of the regulators and checking operations.
 - Introduce 1 ounce of water into the 2nd stage regulator, perform fast rate breathing test for full 45-minute bottle again inspecting for icing and inspection operation.
 - Introduce 1 ounce of water into the SCBA facepiece, perform fast rate breathing test for full 45-minute bottle again inspecting for icing and inspection operation.
- Tear Down and Decontamination
 - Representative to completely tear down SCBA down for inspection all the internal working parts of the SCBA and determination of ease of maintenance.
 - Demonstration of gross decontamination and technical decontamination. Technical decontamination includes removal of soft goods from backpack for launder and launder procedures.
- Flow Test
 - Flow test SCBA on Posi-Check machine at slow rate breathing test for at least five minutes. Shut off SCBA bottle at the hand wheel and bleed air from the SCBA from the 2nd Stage regulator. Disconnect and remove SCBA bottle from backpack. With a full SCBA bottle, fully immerse valve assembly in bucket of clean water and then directly place in SCBA backpack and reconnect to first stage regulator. Flow test SCBA on Posi-Check machine at slow rate breathing for at least 20 minutes. Evaluate SCBA for failure including first and second stage regulator failure, second stage regulator icing, and second stage regulator free flow.
 - Repeat procedure as in step one with the change to high breathing rate on Posi-Check machine. All other aspects remain the same.



KENAI FIRE DEPARTMENT, CENTRAL EMERGENCY SERVICES, NIKISKI FIRE DEPARTMENT

TECHNICAL EVALUATION

Proposals which comply with the preliminary administrative requirements of the RFP will be forwarded to an evaluation committee made up of employees from Kenai Fire Department (KFD), Central Emergency Services (CES), Nikiski Fire Department (NFD), and others as may be described herein, to score or rate proposals for technical merit according to the criteria included herein (see below). The committee will serve under the guidance of the Procurement Officer, who serves as chair and ex officio member of the committee.

PLEASE NOTE THE FOLLOWING POINTS CONCERNING TECHNICAL EVALUATION:

• Technical Evaluation will consist of Orientation and Inspection, Bench Testing, and Field Exercises. Field Exercises will be conducted on specified equipment supplied by each manufacturer

FIELD EVALUATION

Each manufacturer will provide six complete SCBA with personal alert safety system (PASS) devices, six masks of each size, at least twelve 45-minute 5500psi cylinders, at least one quick-fill/trans-fill hose assembly, and one complete RIC kit. Each fire department will provide at least four qualified firefighters to serve as evaluators (in addition to facilitators and support personnel). Each manufacturer will have two days allocated for testing and evaluation; day 1 will consist of Orientation and Inspection followed by Bench Testing; day 2 will consist of Field Exercises.

DAY 1 -

Orientation and inspection and Bench testing will be held on TBD at TBD. All evaluators and technicians will attend the morning session; evaluators will be released and technicians will remain for the afternoon session.

- Orientation and Inspection Morning
 - Evaluation begins with an orientation, training, and inspection session. All evaluators will participate in this session. Each
 manufacturer's representative will provide the training. In conjunction with the training session, all evaluators will
 complete an inspection and evaluation of each model on factors such as overall design, materials, ease of
 cleaning/decontamination, and ease of maintenance.
- Bench Testing Afternoon
 - Evaluation will continue in the afternoon with bench testing of the equipment. SCBA technicians will participate in this session. Each manufacturer's representative will provide the training. In conjunction with the training session, evaluators will be rating each model on factors such as Breathing rate/flow and performance, and ease of maintenance and decontamination.

DAY 2 -

Field Exercises will be held on TBD, at CES Arc Loop Training site. All evaluators and technicians will attend. Three exercises (evolutions) will occur simultaneously at four different stations on the training grounds. Each evolution will involve one team of two firefighters from the same fire department. At the conclusion of each evolution, the prop(s) and equipment will be reset and each firefighter will complete an evaluation form prior to rotating to the next station. At the conclusion of all evolutions, each firefighter will complete an Overall Impression evaluation form. Manufactures will not be present on the training grounds for the field exercises.

The following stations will be utilized for the field evaluation exercises.

- Simulated fire attack
 - This evolution begins with two firefighters donning the SCBA while sitting on board a fire apparatus The building will be charged with artificial smoke. When ready, and on signal from a facilitator, the team will disembark the apparatus. While



KENAI FIRE DEPARTMENT, CENTRAL EMERGENCY SERVICES, NIKISKI FIRE DEPARTMENT

Firefighter 1 stretches a 1-¾ inch hand line to the burn building and orders the line to be charged, Firefighter 2 will perform an abbreviated 360 size-up of the building and then upon arriving at the entry point Firefighter 1 and 2 will, using an irons set, force open the door. Both firefighters will don masks, perform a buddy check, communicate via radio to Command, and make entry into the burn building. The team will advance the hose line to the designated room on the second floor, at which time Firefighter 1 will provide, a supplied, CAN (conditions, actions, needs) report to command. Command will instruct both firefighters to leave the building where a cylinder exchange will occur. All communications with Command will be acknowledged and read-back via radio. Upon completion of the evolution, the evaluators will report their impressions of evaluation criteria such as donning & doffing, masking, communication, comfort, ease of movement, and ease of cylinder change.

- Exterior Ladder Operations / VES
 - This evaluation begins with two firefighters donning the SCBA while sitting on board a fire apparatus. The building will be charged with smoke. When ready, and on signal from a facilitator, the team will disembark the apparatus. While Firefighter 1 places a 24-foot ground ladder to a designated second story window, Firefighter 2 will proceed, with a hook, to designated ladder deployment area and proceed to don mask. Once ladder is in place Firefighter 2 will climb the ladder and clear the window and make entry into the room. Firefighter 1 will don mask, climb to top of ladder, and communicate via radio to Command that VES is in progress. Firefighter 2 will isolate the door and proceed to search the room, remaining in constant contact with Firefighter 1. Firefighter 2 will locate the victim and proceed to the window. Firefighter 1 will radio Command that victim has been found. Firefighter 1 and 2 will prepare the victim for removal. Firefighter 1 will proceed down the ladder with the victim. All communications with Command will be acknowledged and read-back via radio. Upon completion of the evolution, the evaluators will report their impressions of evaluation criteria such as donning & doffing, masking, communication, comfort, and ease of movement while performing assignment.

Vertical Ventilation

- This evolution begins with two firefighters donning the SCBA while sitting on board a fire apparatus. When ready, and on signal from a facilitator, the team will disembark the apparatus. Firefighter 1 will retrieve a 14' roof ladder while Firefighter 2 grabs a chainsaw and trash hook. Both firefighters will proceed to a pre-secured extension ladder placed to access the roof. They will then proceed to the roof and place the roof ladder in position. Once in position, they will don their masks, go on air, and proceed with simulating cutting a 4' x 4' ventilation hole. Once the simulated hole is completed, Firefighters will radio to Command, and Command will acknowledge and read-back via radio. Upon completion of the evolution, the evaluators will report their impressions of evaluation criteria such as donning & doffing, masking, communication, comfort, and ease of movement while performing assignment.
- Mayday
 - This evolution begins at the door to the burn building with two firefighters in SCBA with masks off. The building will be charged with artificial smoke. When ready and on signal from a facilitator, the team will mask up and prepare to perform a left hand search. Firefighter 2 will communicate with command via radio and make entry. Upon arrival at a designated location the firefighters will simulate the following scenario: A ceiling has collapsed and the heat has increased. They will proceed through a wall breach prop. After through the wall breach and SCBA replaced if removed, Firefighter 1 will activate PASS device and simulate unconsciousness. Firefighter 2 will declare a mayday via radio and locate Firefighter 1. Firefighter 2 will silence the PASS device and perform a trans-fill or quick-fill operation. They will then perform a waist strap harness conversion operation and begin dragging Firefighter 1 towards door. All communications with Command will be acknowledged and read-back via radio. Upon completion of the evolution, the evaluators will report their impressions of evaluation criteria such as donning & doffing, masking, communication, comfort, and ease of movement, ability to locate and release/adjust the harness, and ability to operate controls in full protective clothing.



KENAI FIRE DEPARTMENT, CENTRAL EMERGENCY SERVICES, NIKISKI FIRE DEPARTMENT

After completion of all field exercises evaluators will complete a form indicating their overall impression of the following items:

- Overall Impression
 - Face piece
 - Donning and doffing
 - Heads up display
 - Back frame/harness
 - PASS/Gauges
 - 2nd stage regulator
 - Voice amplifier
 - Trans-fill/quick-fill

EVALUATION CRITERIA

Proposals will be evaluated and scored using the criteria outlined in this section and will be scored using the Evaluation Forms herein:

The Technical Evaluation is broken into seven elements, including Orientation and Inspection, Bench Testing, four stations, and overall user impression each of which are weighted equally and total TBD for evaluation purposes. The seven elements for Technical Evaluation, along with a breakdown of the rating criteria for each is as follows:

- Inspection
 - o Package profile
 - o Components protected from damage
 - o Straps well-constructed and padded
 - Buckles and/or fasteners operate smoothly
 - Cylinder securely fastens to back frame.
 - o Adjustability of harness
- Bench Testing
 - o Breathing Rate Test
 - o Tear down and decontamination
 - o Flow Test
- Simulated Fire Attack
 - o Ease of donning in jump seat position
 - o Activities with mask in standby mode
 - o Comfort and ease of movement during activity
 - o Ability to carry out assigned tasks
 - o Ease and speed of masking up
 - o Radio communications with background noise
 - o Voice communications with background noise
 - o Perceived weight and balance
 - Ease and speed of cylinder change



KENAI FIRE DEPARTMENT, CENTRAL EMERGENCY SERVICES, NIKISKI FIRE DEPARTMENT

- Exterior Ladder and VES
 - Ease of donning in jump seat position
 - o Activities with mask in standby mode
 - o Comfort and ease of movement during activity
 - o Ability to carry out assigned tasks
 - o Ease and speed of masking up
 - o Radio communications with background noise
 - Voice communications with background noise
 - o Perceived weight and balance
 - o Ease of climbing/operating off ladder
 - Ease of carrying/placing ladder
 - Ease of enter/exit through window opening
 - o Ease of bringing victim down ladder
- Vertical Ventilation
 - Ease of donning in jump seat position
 - o Activities with mask in standby mode
 - o Comfort and ease of movement during activity
 - Ability to carry out assigned tasks
 - o Ease and speed of masking up
 - o Radio communications with background noise
 - o Voice communications with background noise
 - Perceived weight and balance
 - Ease of climbing/operating off ladder
 - Positioning during cutting
- Mayday
 - o Activities with mask in standby mode
 - o Comfort and ease of movement during activity
 - o Ability to carry out assigned tasks
 - o Ease and speed of masking up
 - o Radio communications with background noise
 - Voice communications with background noise
 - Perceived weight and balance
 - Ease of donning/doffing pack low profile
 - Ease to locate to locate and activate/silence PASS
 - Ease to locate and use trans-fill or quick-fill
 - Ease to locate, adjust, and configure harness
- Overall Impression
 - Face Piece
 - Field of vision
 - Profile
 - Comfort
 - Headnet fit
 - Off-air breathing
 - Cleaning/disinfecting
 - Clarity of communication on air
 - Clarity of communication off air
 - Fit integrated with helmet
 - Overall design and function



KENAI FIRE DEPARTMENT, CENTRAL EMERGENCY SERVICES, NIKISKI FIRE DEPARTMENT

- o Donning and Doffing
 - Ease of donning/doffing
 - Ease of standing cylinder change
 - Mask seal check
 - 2nd stage regulator ease of use without gloves
 - 2nd stage regulator ease of use with gloves
 - Ability to confirm positive connection
 - Cylinder bracket ease of use
- o Heads-Up Display
 - Ease of interpreting lights
 - Visibility of lights
 - Clarity of vision while in use
 - Dimmable properties
 - Perceived durability
 - Profile
 - Overall design and function
 - Back frame/Harness
 - Comfort

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- Weight distribution
- Ease of donning
- Shoulder straps
- Waist buckle assembly
- Frame adjustability
- Mobility
- RIT/Drag rescue system
- Overall design and function
- o PASS/Gauge
 - Visibility of lights/gauges Supine
 - Visibility of lights/gauges Prone
 - Visibility of lights/gauges On side
 - PASS Sensitivity
 - Audible signal
 - Ease of activation with gloves
 - Ease of resetting with gloves
 - Overall
- 2nd Stage Regulator
 - Profile
 - Field of vision
 - Ease of attachment to face piece
 - Ease of removal from face piece
 - Positive docking position
 - Ease of operating bypass
 - Ease of 1st breath operation/reset
 - Length of hose
 - Heavy work rate breathing
 - Standby storage
 - Overall design and function



KENAI FIRE DEPARTMENT, CENTRAL EMERGENCY SERVICES, NIKISKI FIRE DEPARTMENT

- o Communications
 - Location of communication unit
 - Profile
 - Perceived durability
 - Clarity of speech without radio
 - Clarity of speech with radio
 - Activation
 - Use with gloved hand
- o Cylinder
- Ease of cylinder change
- Visibility of cylinder gauge
- o Profile
- o Weight
- Ease of changing cylinder diameters
- o Overall design and function
- o Trans-Fill/Quick-Fill
- o Location
- o Length of hose
- Ease of availability with gloves
- o Ease of connection with gloves
- o Time to place in service
- Security of connections
- o Mobility after connection
- o Storage of equipment with gloves
- Ease of victim drag
- Overall design and function

Non-price, technical evaluations of each proposal will be performed independently by each committee member, with no attempt to reach a scoring consensus. The committee may discuss the details and features contained in proposals for the purpose of ensuring there is agreement about what is contained there and/or to clarify parts of an offer which may be unclear.